

A	
AB	aggregate base
ABS	acrylonitrile-butadiene-styrene
AC	asphalt concrete
Adj	adjacent/adjustable
AIC	auxiliary irrigation controller
Alt	alternative
AMEND	amendment
ARV	air release valve
AUTO	automatic
AUX	auxiliary
AVB	atmospheric vacuum breaker

B	
B&B	balled and burlapped
B/B	brass/bronze
B/B/PL	brass/bronze/plastic
B/PL	brass/plastic
Bit Ctd	bituminous coated
BP	booster pump
BPA	backflow preventer assembly
BPAE	backflow preventer assembly in enclosure
BPE	backflow preventer enclosure
BV	ball valve

C	
CAP	corrugated aluminum pipe
CARV	combination air release valve
CCA	cam coupler assembly
CEC	controller enclosure cabinet
CHDPE	corrugated high density polyethylene
CL	chain link
CNC	control and neutral conductors
Conc	concrete
Cond	conduit
CSP	corrugated steel pipe
CST	center strip
CV	check valve

D	
Dia	diameter
DIP	ductile iron pipe
DN	diameter nominal

E	
EA	each
ELEC	electric/electrical
Elev	elevation
ENCL	enclosure
EP	edge of pavement
ES	edge of shoulder
EST	end strip
ESTB	establishment
ETW	edge of traveled way

F	
F	full circle
F/P	full/part circle
FAU	filter assembly unit
FCV	flow control valve
FERT	fertilizer
FG	finished grade
FIPT	female iron pipe thread
FIS	fertilizer injector system
FL	flow line
FM	flow monitor
FS	flow sensor
FV	flush valve

G	
Galv	galvanized
GARV	garden valve
GMP	gallons per minute
GSP	galvanized steel pipe
GV	gate valve
GPM	Gallons Per Minute

H	
H	half circle, height
h	hour
HB	hose bib
HDPE	high density polyethylene
HP	horse power/hinge point
HPL	high pressure line
Hwy	highway

I	
IC	irrigation controller
ICC	irrigation controller(s)
	in controller enclosure cabinet
ID	inside diameter
IFS	irrigation filtration system
In	inches
IPS	iron pipe size
IPT	iron pipe thread
Irr	irrigation

L	
lb	pounds
L/h	liters per hour
L/min	liters per minute
L/s	liters per second

K	
KP	kilometer post

M	
Max	maximum
MBGR	metal beam guard railing
MCV	manual control valve
MIC	master irrigation controller
Min	minimum
MIPT	male iron pipe thread
Misc	miscellaneous
Mtl	material
MVP	maintenance vehicle pullout

N	
NL	nozzle line
No.	number
NPT	national pipe thread

O	
O/C	on center
OD	outside diameter
oz	ounce

P	
P	part circle
PB	pull box
PCC	portland cement concrete
PE	polyethylene
PL	plastic
PLT	plant/planting
PLT ESTB	plant establishment
PR	pressure rated
PRLV	pressure relief valve
PRV	pressure reducing valve
PSI	pounds per square inch
PVC	polyvinyl chloride
Pvmt	pavement

Q	
Q	quarter circle
QCV	quick coupling valve

R	
R	radius
RCP	reinforced concrete pipe
RCV	remote control valve
RCVM	remote control valve (master)
RCW	reclaimed water
REQ	required
R/W	right of way

S	
S	slip
SCH	schedule
SF	state-furnished
Shld	shoulder
SI	international system of units
SOFT	square foot
SOYD	square yards
SST	side strip
STA	station
Std	standard
SW	sidewalk/sound wall

T	
T	third circle/ thread
TAB	tablet(s)
TLS	truck loading standpipe
TQ	three quarter circle
TRVD	traveled
TT	two third circle
Typ	typical


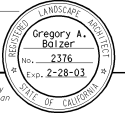
U	
UG	underground

V	
VAU	valve assembly unit

W	
W/	with
WM	water meter
WS	wye strainer
WSP	welded steel pipe
WMM	welded wire mesh

NOTE

FOR ADDITIONAL ABBREVIATIONS
SEE STANDARD PLAN A10A.

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
 REGISTERED LANDSCAPE ARCHITECT					
July 1, 2002 PLANS APPROVAL DATE					
<i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</i>					
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov					

METRIC UNITS (SI)

SYMBOL	UNIT
mm	millimeter
m	meter
m ²	square meter
m ³	cubic meter
g	gram
kg	kilogram
s	second
KPa	kilopascal
L	liter
ha	hectare

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
ABBREVIATIONS**

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

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